High level headends

Headline Series

QAM modulator with ASI input

The SIG7111 modulates a signal received from the ASI input to DVB-C standard (using QAM modulation). It can be used to modulate different analogue signals coming from the SIG7404 encoder or to modulate Transport Stream available on the back panel from digital receivers (SIG7100, SIG7540, etc).

- QAM modulator with ASI input on the front panel
- Remote configuration and monitoring (via controller host SIG7905 and FHM software)
- High Definition (HD) compliant
- MPEG2/MPEG4 compliant

SIG7111

Item			SIG7111
Code			283958
ASI input	ASI connector		BNC, 75 Ohm
	Max. bit rate	Mbit/s	216
TS input	Connector		48 pins on the back panel
	Type		Parallel
	Max. bit rate	Mbit/s	100
Output signal	Output connector		F female
	Output frequency	MHz	111-862
	Frequency step	KHz	10
	Maximum output level	dBµV	85 ± 3
	Level adjustment	dB	0-15
	Loop-through loss	dB	<1.5
	Modulation type		DVB-C
	Channel bandwidth		Depends on SR output settings
	Symbol rate	Ksymb	3000-6999
	Carrier modulation		16QAM, 32QAM, 64QAM, 128QAM, 256QAM (adjustable)
	FEC		Reed Solomon (204, 188)
	Spectrum		Normal, inverted (adj.)
	Operating mode		Normal, single carrier (adj.)
	MER	dB	>34
	Spurious rejection in the output range	dB	<50
General features	Mains voltage	Vac, Hz	220-240~, 50-60
	Power consumption	W	10
	Dimensions (rack version)	mm	35.5 (7e) x 133.3 (3U) x 240
	Operating temperature	°C	-5 to +45